

Abstract

The present invention of a fast and convenient operation structure of a screwdriver head socket comprises an axial shaft with an inner bushing and a sliding socket element disposed on its outer surface, an elastic element is placed between the inner busing and the sliding socket element, a socket for sleeving the screwdriver head is disposed on the inner edge of the end of the axial shaft where the inner busing is disposed, a trough connecting outward is disposed on the inner surface of the socket, the inner bushing having a ball hole in corresponding to an appropriate place of the trough, the ball hole is for placing a positioning element, the sliding socket element having a pressing flange part and a retracting flange part in neighboring to each other, which are also in sectional flange structure, the two parts are disposed in corresponding to the inner surface of one end of the inner bushing, when one end of the positioning element is pressed against by the pressing flange part of the sliding socket element, the other end of the positioning element is protruded slightly from the trough, so that when the screwdriver head is inserted into the socket, the positioning element is pressed against to move and fall into the retracting flange part, after the screwdriver is positioned, the positioning element is then returned back to its original position by elastic force of the elastic element, at the same time, the outer edge of the positioning element is pressed against a concave positioning trough of the screwdriver head, thus the locking mechanism and sleeving process of the screwdriver head can be done with only one hand.